

# JOB DESCRIPTION

## LEAD RISER ENGINEER



PLACE: FRANCE (LA CIOTAT)

OCCUPATIONAL CATEGORY: EXECUTIVE

OPEN-ENDED CONTRACT

### COMPANY

PRINCIPIA is currently searching for a talented **Senior/Lead Riser Engineer** to support the Subsea Group based in the South of France (La Ciotat).

The **Senior/Lead Riser Engineer** will have an opportunity to work on particularly complex design challenges using PRINCIPIA's internal suite of analysis tools to develop solutions that meet the needs of our range of national and international clients. This is a staff position.

PRINCIPIA is currently providing the engineering services to deliver some of the latest, challenging subsea projects in the Europe and around the globe, for the Oil & Gas and Marine Renewable industries. This is a great opportunity to assume a leadership role on major execution projects and R&D work.

### RESPONSIBILITIES

- . Perform and/or supervise numerical analyses on riser systems from conceptual design to full detailed engineering and in-service integrity verification (bonded and unbonded flexible pipes, steel pipes, riser towers, water intake risers, dynamic power cable etc.)
- . Use industry standard software (e.g. DEEPLINES, Orcaflex)
- . Manage Riser Projects including:
  - o Budget evaluation & proposal preparation
  - o Internal coordination of the team (design engineers)
  - o Management of the planning and cost control aspects to meet project requirements and deadlines
  - o Technical interface with client and reporting
- . Supervise and mentor young engineers
- . Participate to R&D Projects and development of new numerical tools
- . Involvement in projects for the Oil & Gas and Renewable Energy industries

### SKILLS & EXPERIENCE

- . Bachelor Degree in Mechanical or Ocean Engineering
- . Experience : Min. 10 years with at least 3 years in a similar position
- . Strong knowledge in codes, standards, methodologies, numerical tools and state of the art riser design approaches
- . Strong knowledge in either DEEPLINES or Orcaflex
- . Good communication skills. Fluency in English is mandatory

To apply: [job@principia.fr](mailto:job@principia.fr)